

CONTENTS

(Abstracted/Indexed in: Biol. Abstr., CABS (Current Awareness in Biological Sciences), Chem. Abstr., Curr. Contents AB & ES, EH & S Digest, Environ. Period. Bibliogr., Excerpta Med., Focus On: Global Change, Geo Abstr., Meteorol. & Geostrophys. Abstr., Oceanogr. Lit. Rev., PASCAL/CNRS, Selected Water Resour. Abstr.)

Evaluation of the partitioning of hydrophobic pollutants between aquatic and solid phases in natural systems	
Y.-H. Zhao, P.-Z. Lang (People's Republic of China)	1
The behaviour of leached aluminium in tea infusions	
C.Y. Zhou, J. Wu, H. Chi, M.K. Wong, L.L. Koh, Y.C. Wee (Singapore)	9
Microbial degradation of pyrene and characterization of a metabolite	
X.-F. Li, W.R. Cullen, K.J. Reimer, X.-C. Le (Canada)	17
Estimation of dietary intake of lead and cadmium in the general population of the Republic of Croatia	
J. Sapunar-Postruznik, D. Bazulic, H. Kubala, L. Balint (Croatia)	31
Urinary excretion of alkylphosphates in the general population (Italy)	
C. Aprea, G. Sciarra, D. Orsi, P. Boccalon, P. Sartorelli, E. Sartorelli (Italy)	37
PCDDs (dioxins) and PCDFs (furans) in selected UK lake and reservoir sites — concentrations and TEQs in sediment and fish samples	
C.L. Rose, W.A. McKay (UK)	43
PM ₁₀ in Canada	
S.C. Pryor, R.J. Barthelmie (USA, Canada, Denmark)	57
Polycyclic aromatic hydrocarbons in central London air during 1991 and 1992	
J.R. Brown, R.A. Field, M.E. Goldstone, J.N. Lester, R. Perry (UK)	73
Radiocaesium variability within sheep flocks: relationships between the ¹³⁷ Cs activity concentrations of individual ewes within a flock and between ewes and their progeny	
N.A. Beresford, C.L. Barnett, N.M.J. Crout, C.C. Morris (UK)	85
Comments on the determination of nucleic acids in natural waters by the CTAB-DABA-orcinol method	
M.G. Weinbauer, P. Peduzzi (Austria)	97
Heavy metal concentrations in peat profiles from the high Arctic	
A.D. Headley (UK)	105
The trout (<i>Salmo trutta</i> L.) populations of the headwaters of the Rivers Severn and Wye, mid-Wales, UK	
D.T. Crisp, W.R.C. Beaumont (UK)	113
Physiological and ecological factors influencing the radiocaesium contamination of fish species from Kiev reservoir	
A.O. Koulikov (Russia)	125
The use of the aquatic moss <i>Fontinalis antipyretica</i> L. ex Hedw. as a bioindicator for heavy metals.	
1. Fundamental investigations into heavy metal accumulation in <i>Fontinalis antipyretica</i> L. ex Hedw.	
A. Siebert, I. Bruns, G.-J. Krauss, J. Miersch, B. Markert (Germany)	137
Trace and heavy metal analyses of a skeletal population representing the town people in Turku (Åbo), Finland in the 16th–17th centuries: with special reference to gender, age and social background	
H.S. Vuorinen, S. Pihlman, H. Mussalo-Rauhamaa, U. Tapper, T. Varrela (Finland)	145
Application of principal components analysis to the study of salinization on the Castellon Plain (Spain)	
I. Morell, E. Giménez, M.V. Esteller (Spain)	161
A critical limit for acid neutralizing capacity in Norwegian surface waters, based on new analyses of fish and invertebrate responses	
L. Lien, G.G. Raddum, A. Fjellheim, A. Henriksen (Norway)	173
Site characterization of polluted soils and comparison of screening techniques for heavy metals by mobile ICP-MS, GFAAS/ICP-AES (fixed laboratory) and EDXRF (fixed laboratory)	
M.J. Duane, S. Facchetti, G. Pigozzi (Italy, South Africa)	195
Indoor air quality, Part 1. Negative air ionisation and the generation of hydrogen peroxide	
O. Challenger, J. Braven, D. Harwood, K. Rosén, G. Richardson (UK)	215
Artifacts in the determination of the binding of americium and europium to an aquatic fulvic acid	
J.R. Lead, J. Hamilton-Taylor, M. Kelly (UK)	221

The importance of marine-derived base cations and sulphur in estimating critical loads in Scotland C.C. White, M.S. Cresser, S.J. Langan (UK)	225
Evaluation of the concentrations of trace elements in stream sediments by factor and cluster analysis and the sequential extraction procedure Z. Borovec (Czech Republic)	237
Concentrations of mercury, copper, cadmium and lead in fruiting bodies of edible mushrooms in the vicinity of a mercury smelter and a copper smelter P. Kalač, M. Nižnanská, D. Bevilacqua, I. Stašková (Czech Republic, Slovak Republic)	251
Emissions from Sellafield and activities in soil A.C. Chamberlain (UK)	259
Changes in N concentrations of peat and its associated vegetation over 12 months in response to increased deposition of ammonium sulfate or nitric acid L. Yesmin, S.M. Gammack, M.S. Cresser (UK)	281
Diurnal and seasonal variations of surface ozone in a Mediterranean coastal site, Patras, Greece D. Danalatos, S. Glavas (Greece)	291
An updated inventory of potential PCDD and PCDF emission sources in the UK G.H. Eduljee, P. Dyke (UK)	303
Nails: concern over their use in lead exposure assessment B.L. Gulson (Australia)	323
Author index	329
Subject index	331

